

## Woosh Support:

Be sure to check the FAQ section on our website before calling as the answers to the most common queries are there and you may find that the solution to your problem is already online. If you *do* need to get in touch, our contact details are below.

It can sometimes be useful to see the issue you have, so if possible, email a couple of photos illustrating the problem and we'll normally get back to you within an hour or two (on weekdays).

Support staff are not available at the weekends, though if you send an email, it will normally be read on the following Monday morning.

If you need support on a bike purchased in Cambridge please note that you should call our Southend office.

Email: [support@wooshbikes.co.uk](mailto:support@wooshbikes.co.uk)

Telephone: [01702 684444](tel:01702684444)

Support staff are available 10am to 5pm Monday to Friday. This may change in the future.

© 2013 Woosh Bikes Limited



## Sirocco CD 8 Manual

### Please read this manual

It contains important information about your safety and how to look after your bike properly to avoid paying service fees.

**After sales support  
(01702) 684444**

Tel. 01702 435566 - E-mail: [support@wooshbikes.co.uk](mailto:support@wooshbikes.co.uk)

**Thank you for buying a Woosh Sirocco CDL electric bike.**

**Our bikes are named mainly after either winds or mountains. The Sirocco is a warm wind blowing throughout the Sahara — just so you know!**

**Please read this manual completely before putting your bike together and riding it. As well as instructions on assembly and maintenance it also contains essential information that may affect your consumer rights.**

### **The Woosh Ethos**

Our aim is to supply decent quality electric bikes but at very affordable prices.

This inevitably means importing from China, selling direct rather than through dealers and working on much lower profit margins than many of our competitors. It also means working hard with our suppliers to constantly improve quality and ensure that each bike is checked before leaving us - not something all mail order electric bike companies do.

There is however only so much we can offer within our price range. We would for example like our bikes finished to German standards, with every nut and bolt fully tightened, immaculate paintwork and superb quality plastic on things like handlebars and battery cases. But this alas would also push the prices up to those of German bikes - starting at £1800 - which clearly we don't wish to do.

That said, we are always happy with sensible comments for future improvements, so please do email me with feedback, good or bad.

I look forward to hearing from you.

Hatti Lee

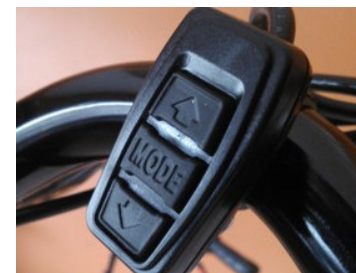
hatti@wooshbikes.co.uk

### **Riding Distance/Total Distance**

To change the display between riding distance and total distance, press the Mode button. The current mode is indicated by "Trip" for "Current Trip Distance" and by "Odo" for "Total Distance".

### **Control Module Battery**

The "control module" itself has a battery. This battery should last for around 2 years. The battery is a standard type and is readily available. If you need a battery in the future, contact us and we can supply one to you or alternatively you can buy from outlets such as Maplins. Make sure you replace the battery with the correct type to avoid causing damage to your module. If you are not sure how to change the battery, contact us for assistance.



**Warning:**

The control module comes pre-configured specifically for your bike. You don't therefore need to alter the settings. Incorrect settings could cause damage to the bike components and also result in a bike that is not UK road legal. Any modifications made to the controller configuration will void your warranty with immediate effect.

**Turning Control Module On/Off**

To turn on the control module press and hold the middle (Mode) button. Press and hold the same button to turn off the module and disable all electric features of the bike.

**Turning Backlight On/Off**

To turn on the display backlight, press and hold the "Mode & Up" button, press and hold the same two buttons to turn it off.

**Varying Pedal Assist Level**

To alter the level of assistance provided simply press the Up/Down arrows to cycle through the 5 levels of assistance. Level 1 offers the least assistance while level 5 offers the greatest assistance.

**Speed Display Mode**

There are three different modes for the speed display, these are current speed, average speed and maximum speed. To switch between these modes, press and hold the "Up" button for approx. 1 second to cycle through the modes.

**Walking Mode**

The bike also supports a walking mode which is basically a very slow mode allowing you to walk next to the bike at approx. 6Km/h. This is activated by pressing and holding the "Down" button. As soon as the button is released, the bike will stop.

**Expectations: please read this before riding**

**Pedalling:** E-bikes are designed to be pedalled, with use of the throttle occasionally—to start off, or to help you to ride up a slope. Using the throttle constantly may damage it and will run the battery down very quickly, wearing it out within just a few months.

**Speed:** Our bikes are designed for sensible use in accordance with UK law. The motor will power you **up to** 15.5 mph and no faster, though you can still pedal harder to achieve greater speeds.

**Models:** Some of our bikes are more suited for recreational use rather than commuting. If you need a bike for commuting, you should consider our chain-driven (CD) versions.

**Care:** Electric bikes need more regular maintenance than standard bikes. Spokes and other mechanical fixings need tightening every 2 to 3 weeks and tyres need regular pumping. We also advise trying to ride your bike as often as possible. Not riding your bike for several months may cause the motor to seize up and if you do not use the bike for several weeks and forget to charge the battery during this time you could cause damage to it.

**Identical bikes:** No two bikes are identical, even if they are the same model and purchased at the same time. One may be a little quicker or one motor may be quieter than another. This is normal. Please make allowances.

**Hill climbing:** If you are heavy, have steep hills or both, you may have difficulty getting uphill, and in extreme cases the bike may not get you up at all. The motor is limited by law to 250 watts and there is only so much it can propel up an incline. If you weight over 17 stone and have a steep hill you will have to pedal very hard and may have to get off and push the bike for part of the incline.

**Distance and performance** The distance you can cover on a single charge will vary significantly from person to person and bike to bike. It is affected by weight, how much effort is put in, hills, headwinds, city traffic etc with constant starts and stops at traffic lights. The bike may cut out on steep hills and the battery **will** cut out when exposed to extreme cold.

**Paint quality:** please see overleaf

**Costs:** we ask you to contribute towards costs when returning the bike or a part for repair and additional costs apply if you take your bike abroad (see later).

**If you are not happy with any of the above, please do not ride your bike. Call us to arrange return and a refund.**

### **Returning a bike — please read before riding.**

If you have purchased at a store, or have tried a bike at a store and then had one sent to you, you are not a mail order customer. We will only refund you for the bike if it has a serious fault within the first 28 days. We will not refund you if you simply change your mind after a few days.

**Mail order purchasers:** A bike will be refunded if returned within 14 days if unsuitable or 28 days if faulty. The bike **MUST** be packed in an identical way to that in which it arrived to avoid damage during return transit. We will email or post you instructions on how to do this as it is not straight forward. After 28 days, if faulty the bike will not be refunded but repaired and returned back to you.

Sending your bike back: you can send your bike back by using your own courier or you can call us and we will collect it.

### **Costs: returning a bike for a refund**

Return by you of a bike unriden within 14 days: refund less £30

Collection by us of a bike unriden within 14 days: refund less £45

Return of a bike unsuitable and ridden within 14 days: refund less £130

Collection of a bike unsuitable and ridden within 14 days: refund less £145

Return of a bike faulty within 28 days ridden or not: full refund\*

### **Costs: returning a bike or part for servicing**

Return of a bike or battery under warranty: no charge

Collection of a bike/ battery under warranty first 28 days: no charge

Collection of bike or battery under warranty months 2—11: £15

collection fee, labour parts and return free of charge

Return of a bike or battery outside warranty: parts at cost, labour £30 per hour

Collection by us of a bike for servicing outside warranty: £45 collection and return fee, parts at cost, labour £30 per hour

Collection by us of a battery for servicing outside warranty : £30 collection and return fee, parts at cost, labour £30 per hour.

**\*Costs will be deducted from a refund for damage in return transit caused by poor or inadequate packaging and missing items such as keys.**

### **Paint quality:**

An electric bike has around 120 more parts than a standard bike and these are added after the bike has been assembled and the frame sprayed.

It is inevitable that however well trained, factory workers have a difficult job trying to avoid scratching the paint under these circumstances. You may see minor scratches and pin hole dents. If you are not happy we suggest you pack the bike up and return it for a refund as we will not be able to provide a perfect paint finish. Otherwise please call us and we shall arrange to send some touch up paint if available.

### **Control Module—Advanced**

The control module has many advanced features and modes, these include back-lit display (for night riding), indicator options for max speed, average speed and current speed, a digital clock and a battery power indicator. It also features a walking mode which is used when you want to wheel/push the bike, this is basically a very low speed mode which is activated by pressing and holding the button marker with a 'down-arrow'.



1. Battery Level Indicator
2. Assistance Level (Pedal Assist)
3. Odometer
4. Digital Clock
5. Speed Indicator

## Spares

We keep in stock most parts necessary to maintain your electric bike—call to order.

**Callers are welcome to bring bikes in for repair. These may not be done on the same day however and please note that we do not do servicing on Saturdays.**

## The Woosh Electric Bike 12 month Warranty

### **This warranty covers:**

Manufacturing defects causing electrical failure within the first year

Manufacturing defects causing major mechanical failure (frame and handlebars) within the first year

Manufacturing defects causing minor mechanical failure (pedals, spokes etc.) within the first 28 days.

Damage and cosmetic damage (deep gouges, chips, dents and scratches) caused through poor transit to you.

### **This warranty does not cover:**

Accidental damage caused through collision with an object or person or as a result of dropping the bike or the bike falling over.

Negligence: damage caused as a result of failure to carry out initial and regular safety checks, or failure to maintain the bike or its parts in accordance with the manual, the recommended rider weight being exceeded, or allowing weights heavier than 5Kgs being placed on the rear rack, or allowing people to ride on the rear rack, excessive or constant use of the throttle, riding under the influence of drink or drugs, riding in dusty/sandy environments, riding on very poorly maintained roads, off road, through deep puddles or fords, in snow, or with a trailer, riding carelessly or stunt riding.

Consumable parts after the first 28 days: these include tyres, inner tubes, batteries for lights if applicable, brake pads, bottom brackets, cranks, spokes and pedals.

Minor faults on arrival: loose fixings (nuts, bolts, screws,), loose spokes, loose cables deemed resolvable with minimal intervention,

Minor cosmetic damage - hairline scratches or barely visible chips, marks or dents.

The warranty period applies to riding within the UK only, is strictly for 12 months and cannot be extended under any circumstances, even if you have ridden the bike very little.

**This warranty expressly excludes consequential loss, injury or hardship as a result of electrical or mechanical breakdown, accident or collision or as the result of a faulty part. Our liability is limited strictly to repair or replacement of the bike or of the part.**

This warranty is transferable to a second hand purchaser but our Ts and Cs will apply and their weight should not exceed the limits for the bike.

**Transit damage**

If your bike appears to have suffered damage during transit to you—for example a chain or mudguard are broken, a wheel is damaged or there are very deep dents or scratches to the paintwork, please call us within one working day of receiving the bike. Failure to do so may prevent us from claiming compensation from our insurers and thus from making good to you.

**Wheel usage:**

We occasionally short-road-test a bike (300—400 metres) before packing. If your tyres show usage it is because of this. Please be assured that we never sell second hand bikes as new.

**Using your Woosh electric bike abroad**

Please note that whilst you are allowed to use your throttle in the UK, its use is illegal in Europe. We highly recommend that you use the red switch to deactivate it when riding abroad.

Breakdowns abroad: for obvious reasons, we are only able to cover the costs of servicing within the UK. Recovery of a bike within the UK, repairing it and returning it back costs us £45, some of which is borne by customers sometimes and some by us sometimes. See the previous page for details. If your bike breaks down abroad within the first 28 days of purchase and you wish us to retrieve it, repair it and return it, we will cover the first £45 of our costs but no more. If you wish us to send parts to a local electric bike shop or to you we will cover the first £45 of labour charges and the cost of sending the parts but no more. If your bike has been purchased more than 28 days previously we will cover the first £15 and no more. Fewer than 2% of our bikes are actually returned for servicing under warranty so a breakdown is unlikely but you should be aware of this.

**Insurance and break down cover:**

Whether from us or any other supplier, electric bikes get stolen and break down. If you are going to be very highly dependant upon your bike because you are a commuter or have a health problem which would prevent you from riding the bike without power, we warmly recommend you take out roadside rescue. This is available from Cycleguard from £18 per year, and they also offer insurance.

Visit their website: [www.cycleguard.co.uk](http://www.cycleguard.co.uk) or call them on 0844 826 2297

**Faults**

If your bike has a fault on arrival or develops a fault during use, firstly please call us. We can resolve 90% of problems reasonably quickly by telephone or email and usually by sending a small replacement part or giving sensible advice.

Our email address is:

[support@wooshbikes.co.uk](mailto:support@wooshbikes.co.uk)

Mechanical wear and tear is not the same as a manufacturing defect, and things like punctures, chain and brake adjustments can be dealt with by a bike shop if required. Mechanical wear and tear is not covered by our warranty so you will need to pay the bike shop a fee for their services.

If a severe electrical fault has occurred and which requires the bike to be returned (thankfully rare, in less than 2% of cases currently), we will arrange to collect the bike, repair it and return it to you. You may need to pay a fee—please refer to the section 'Returning your Bike' earlier..

We strongly recommend retaining your carton by folding flat and storing in a dry area if possible in the rare event that you might need to return the bike. Replacement cartons are £10 and sending one to you will cost £15—so please bear this in mind.

**Insurance and break down cover:**

Whether from us or any other supplier, electric bikes get stolen and break down. If you are going to be very highly dependant upon your bike because you are a commuter or have a health problem which would prevent you from riding the bike without power, we warmly recommend you take out roadside rescue. This is available from Cycleguard from £18 per year, and they also offer insurance.

Visit their website: [www.cycleguard.co.uk](http://www.cycleguard.co.uk) or call them on 0844 826 2297

### Returns (UK Mainland)

If you do not like your electric bike or find it unsuitable **and have purchased it by mail order**, we will refund the purchase price subject to certain conditions. Full details of these are shown earlier in this manual. .

You should not ride the bike until you have read this as it contains important information.

Please note that bikes purchased in store are not able to be returned if not liked or found to be unsuitable without our express agreement. If a bike is found to have a manufacturing defect and a refund is required it must be returned to the store within 28 days.

### Quality control

Every Woosh electric bike is taken from its carton and checked before being despatched for mechanical and electrical functions. We do not normally ride the bike before it is despatched, so you will find after a short time that some things may need to be adjusted/ fine-tuned.

Please also note that although most aspects of the bike are checked before despatch, you must also thoroughly check the bike yourself before riding it to ensure your own safety.

### DIY Repairs

We sell to users willing and able to maintain their bike to a good standard or who have someone who can help with maintenance. Most repairs are simple and can be done with help from us over the phone or by email. Replacement parts are sent free of charge during the warranty period.

If you prefer to have your repair done by a bike shop, contact us before going ahead as the refund of labour costs is subject to terms and conditions.

The Woosh SiroccoCD electric bike has a high performance light-weight lithium battery, and a modern crank-drive motor making it a sturdy yet light and manoeuvrable bike, while also offering exceptional value.

To ensure that your bike provides you with the best experience possible, **make sure you read and understand this manual in its entirety before using the bike for the first time.**

### Important Safety Notice

Woosh Bikes Ltd checks all bikes before sale for electrical and mechanical functions.

Our procedures are strict and our checking is thorough.

Omissions or oversights can nevertheless occur.

We strongly advise you to also carry out your own mechanical checks before riding to ensure the full safety of your bike. These include:

- Checking that the brakes are set correctly and work properly
- All wheel nuts, major fixings, spokes and cranks are fully tightened.
- Wheels are aligned.
- Pedals, saddle and handlebars are fully tight and secured after installation.

If you are not experienced with bikes a local bike shop will do this for you for a small charge.

These checks should be repeated after the first month and regularly thereafter to ensure your safety.

Please note that failure to carry out these checks to your complete satisfaction could result in serious injury for which Woosh Bikes Ltd will not be held liable.



**Warning:**

Two people are required when lifting/moving the carton. Woosh Bikes Ltd will not be liable for personal injury caused through mishandling.

Your Woosh electric cycle will come mostly assembled, but to make packing easier, some parts of the cycle may require a small amount of assembly to be completed before use. This manual assumes you are reasonably competent with and have your own toolkit.

**Disclaimer:**

You are responsible for the correct assembly and ongoing maintenance of your cycle. Woosh Bikes Ltd. accepts no responsibility for any incidents that may arise as a result of bikes which have been poorly assembled/maintained by the end user. **All** steps in this booklet must be completed to ensure trouble-free and safe operation.

**IMPORTANT MAINTENANCE:**

You must check your bike regularly to ensure all fixings are correctly tightened and have not worked loose over time. This includes checking and tightening wheel spokes, saddle, handlebars, cranks and pedals. You should also regularly check brakes and brake pads. Please read the relevant sections later in this manual.

Failure to carry out essential maintenance on a regular basis could cause a cycle malfunction and result in safety issues for which Woosh Bikes Ltd. will not be held responsible.

**Safety warnings:**

**Do not allow anyone under the age of 14 to ride the bike.**

**Never allow a small child to ride on the rear carrier. Their legs or feet could get trapped in the wheel mechanism resulting in serious injury.**

**Wear appropriate safety pads/helmet.**

**Always ride more slowly and brake more gently in the wet.**

**Other warnings:**

Do not ride the bike if you are over the weight limit for the model you have chosen.

Do not bump the bike up and down kerbs.

Slow down when riding over bumpy/rough surfaces.

Do not use the throttle on full constantly.

It is illegal to use the throttle in mainland Europe.

Always observe the highway code.

Do not ride through deep puddles or in snow.

**Maintenance warnings:**

Always ensure that power is switched off when performing maintenance on the bike. If you are performing maintenance on any of the electrical components on the bike, remove the battery completely before you begin.

Pay special attention to the “**Maintenance**” section of this manual. It contains information that will help keep you safe and prolong the life of your bike. Failure to keep your bike maintained could result in safety issues for which Woosh Bikes will not be held liable. You may also void your warranty if you do not take proper care of your bike.

Your bike should be stored in a cool dry location. In the winter, you should ensure that the battery is not exposed to extreme cold as this will shorten its life. If the bike is not going to be used for long periods, you should give the battery a half-hour charge every few weeks.



## The Woosh Electric Bike Warranty

All Woosh electric bikes come with a standard one year warranty.

Details of this are fully covered earlier in this manual..

### Second hand buyers:

Please note that if you sell your bike second hand, the balance of the warranty is transferable, but all aspects of our sales conditions (such as weight and height restrictions) and all warranty terms will apply to your new purchaser.

If you have purchased your bike second hand from one of our customers, please note that we cannot accept responsibility for the condition of the bike when it is sold to you. and no refund can be offered to you under any circumstances. We will do our best to support you as a second hand purchaser but this may be limited at our discretion.

### Cleaning and lubricating:

Make sure your chain is kept lubricated.

We specify stainless steel fixings throughout our bikes but occasional fixings such as clamps or rings may be chrome and may rust. Applying rust treatment to these at an early stage will preserve the life of the bike.

Washing: we advise against 'heavy' washing or using a hose or power washer, as water may enter connector points and damage the electrics. We suggest simply using a damp cloth and wiping dry afterwards.

Always take care when cleaning mud or debris from the underneath of the bike not to dislodge cables or connectors.

## Unpacking

Two people are required to unpack the bike.

Stand the carton upright as shown.

Remove the shipping straps, cut the tape seals and then remove all of the polystyrene packaging.

Keep the carton/bike in the upright position, and then lift the bike out of the carton and engage the stand to keep the bike upright. **DO NOT** destroy the carton as it will be required if the bike needs to be returned for any reason in the future.

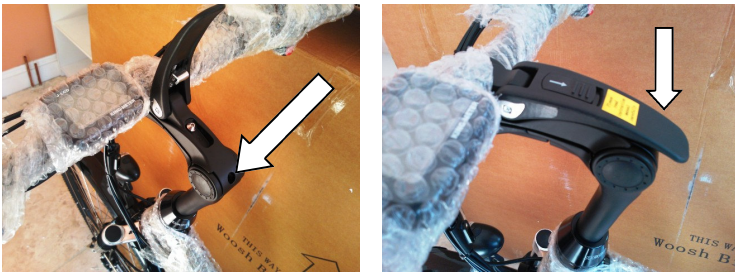


The SiroccoCD comes almost completely assembled straight out of the box. Apart from charging the battery, there are only a couple of steps needed to get your bike ready for the first ride. Remove the remaining bubble-wrap/package from the various parts of the bike and then slide the handlebar stem into the frame. You will need to release the clamp to allow the handlebars to be rotated to avoid pulling/stretching the cables—see below.



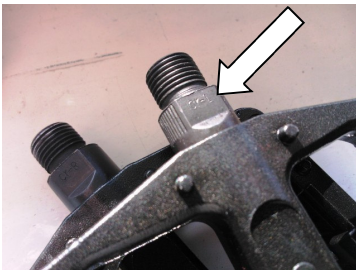
## Handlebars

Slide the handlebar stem into the frame at the desired height and then **tighten the allen bolt** to secure the stem in position as shown below. Ensure that the handlebars line up correctly with the front wheel. The clamp on the top side of the assembly is used to adjust the rotation of the handlebars - with the clamp up/open, rotate the handlebars to the desired position and then simply lock in place by closing the clamp.



## Pedals

The pedals are designed to fit on a specific side of the bike. **Do NOT attempt to fit the pedals without first checking which side of the bike the pedal is meant for.** The pedals are marked with 'R' and 'L' to indicate which side of the bike (right or left) the pedal is for. Fit each pedal into position and hand tighten. Once each pedal has been tightened nearly all the way in by hand, use a 15mm spanner to fully secure the pedals in place.



## Adjusting the Brakes

The Woosh Sirocco CD comes equipped with disc brakes on the front and 'V' brakes at the rear. For instructions on how to adjust your brakes, see the support section of our website at [www.wooshbikes.co.uk](http://www.wooshbikes.co.uk)

If you are unsure about any of the adjustments that you may need to make to your bike, take your bike along to your local bike shop where they should be able to assist you.

## Essential Maintenance.

**The Sirocco CD is a low maintenance bike. It is however essential** to carry out some maintenance regularly and thoroughly.

If you do not know how to carry out this maintenance yourself, you should have your local shop regularly check your bike.

**Your spokes should be checked regularly** as outlined earlier.

Check and tighten all fixings as outlined earlier regularly.

Check brakes and brake pads regularly.

Check that your saddle, handlebars and pedals are well tightened regularly.

If you feel that one of your cranks has worked loose, investigate and take action immediately.

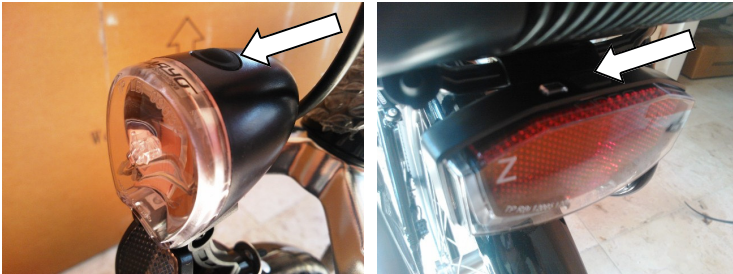
**Failure to carry out essential maintenance on a regular basis could cause injury, for which Woosh Bikes Ltd will not be held liable.**

**Please ensure this is done for your own safety.**

### Operating the Lights

To operate the front light and cycle through the available modes, press the black button on the top of the light, the options available are Off, On, Flashing.

To operate the rear light, press the button as shown.



The display module also features a back-light which can be turned on/off as needed. To switch this on press and hold the “Mode and Up” buttons. Use the same buttons to turn it off.



### Charging the Battery

The battery may not leave us fully charged. **You should fully charge the battery before initial use.** The battery can be charged on the bike or it can be removed and charged separately. The socket used to charge the battery is located at the left rear underside of the battery as shown below. **Ensure that the charger is switched OFF before attaching the charger to the bike.** You should keep the battery topped up to get the best out of it.



To charge the battery, simply connect the charger to the socket and plug the other end into a regular mains socket.

On the charger is a small light which is red while charging. When charging is complete, this light will turn green.

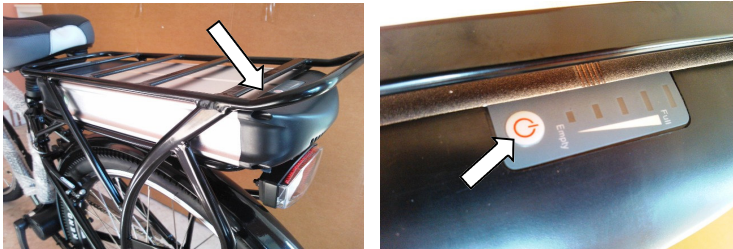
The battery can be removed from the bike and charged in a convenient location such as home or office when the bike is not in use. To remove the battery from your electric bike, use the supplied key to unlock the battery by turning it anti-clockwise. Once unlocked, slide the battery from the bike using the handle at the rear of the battery.

A full charge from flat can take up to 10 hours.



To refit the battery, simply slide it back into place, and then turn the key clockwise to lock it into position.

On the rear of the battery is an indicator which can be used to give a rough guide as to how much power remains in the battery. Press the small button shown below. The more lights that illuminate, the more power remains. To turn the battery on/off, use the switch at the rear right of the battery.



Before riding the bike, check the tyre pressures, the tyres should be inflated to 45-50 psi

Check that **all** fixings and major components are tightened to your satisfaction. Check all nuts, bolts including the carrier, and make absolutely sure your saddle, handlebars and pedals are firm.

Finally check your brakes before you set off.

### **IMPORTANT:** **LOOK AFTER SPOKES, TYRES AND KEYS!!**

The motor vibrations on an electric bike cause the light weight fixings used, and also spokes to become loose more quickly than on a standard bike. If heavy duty fixings such as those on a motor bike were used, this would add considerably to the weight of what is essentially a bike. If you leave them, you will damage your wheel and possibly have an accident too. So please read the following:

Your spokes will have been checked before despatch, but if you have a look, you will find some less tight than others. This variation ensures the wheel is straight (or 'trued'). If all the spokes were equally tight, or all very tight, the wheel would not be straight.

In future, check your spokes regularly, every two or three weeks if you ride daily, or once every couple of months if you only ride occasionally. We sometimes supply a spoke key (small round metallic device) normally in with the battery charger.

How to check? Lightly 'ping' each spoke like a harp string with your index finger. If it feels very loose insert the spoke key onto the nipple of the spoke in question, using gauge number 13. The nipple is the metal connector at the base of the spoke where it joins the wheel rim. Give it a quarter turn or so. Don't over-tighten the nipple as the spoke may then be too rigid and snap during riding.

If you have not received a spoke key, one can be sent to you for £4 including postage.

You can also give your wheel a quick visual check by spinning it and making sure the brake pads are equal distances from the wheel when it spins and that it seems to spin in a straight line. Get someone to help hold the bike if necessary.

Also check and pump up your tyres regularly—the same time as a spoke check is good.

These maintenance steps aren't always needed as often on a standard bike but they are for an electric bike.



### Riding the bike cont.

Your bike features 8 speed Shimano gears located on the right side of the handlebars.

To move up through the gears, PULL the upper lever with your index finger. To move down the gears, PRESS the lower lever with your thumb.

**With this particular type of electric bike, you should change the gears one at a time, waiting until the gear is properly engaged before changing to another gear.**

Most of the time, you will likely use the bike in it's highest gear, but to get the most out of your bike on hills, you should change down to a suitable gear BEFORE you start your ascent.



### Battery Care

The SiroccoCD electric bike comes with a modern light-weight high performance 36 volt 10AH lithium polymer battery.

Some care is needed to get the best possible performance from the battery. Assuming the bike is in regular use, charge the battery once or twice a week as needed. Do not allow the battery to regularly run completely down as this will shorten the lifespan of the unit.

Do not charge the battery in extremely cold conditions i.e. below 6 degrees. The battery can be easily removed from the bike and charged indoors if its more convenient. Remember to allow the battery to warm up to room temperature before charging.

If the battery is not in regular use, try to keep the battery half to two thirds charged and keep it in a cool dry location. If you are not using your bike for a while, give the battery a half-hour charge every two weeks. This will slow the ageing process of the battery. All batteries age, but the above steps will help the battery to last for as long as possible.

When the bike is to be put back into service, charge the battery fully to prepare it for regular use once again.

#### General care:

Do not attempt to open the outer casing of the battery.

Do not attempt to repair the battery.

Keep the battery away from children.

Do not immerse the battery in water.

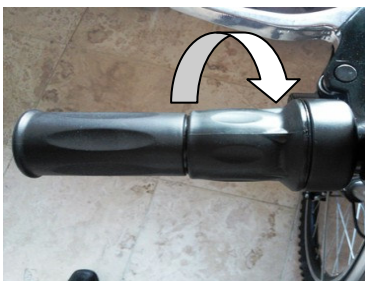
Ensure the battery is not exposed to temperatures above 55 degrees Celsius or extreme humidity.

Do not use the bike in an environment where temperatures are less than -5 or greater than +45 degrees Celsius.

Do not drop, pierce or otherwise damage the battery.

## Controls and Indicators

The Sirocco CD electric bike comes with a throttle control to allow you to vary the amount of assistance from the motor. The throttle is located on the left side of the handlebars as shown below. When the throttle is pulled fully, the motor will provide the most assistance.



Mounted on the handlebars is the control module. This is used to turn the motor on/off and also to increase/decrease the amount of assistance given from the motor. This module also indicates the current status of the battery.



To turn the control module on/off, press and hold the MODE button (the middle button) as indicated above. The functions of the control module will be covered in more depth later in the manual.

## Riding the Bike

To begin using the bike, press (and hold) the 'Mode' button to switch on the 'Control Module'. The bike is now effectively on, and if you ride it in this state, the motor will provide assistance when pedalling and you will also be able to use the throttle if you wish. To vary the amount of assistance provided from the motor, use the up/down buttons to cycle through the 5 levels of available assistance.



There are several other features available on this 'control module' and these will be covered later in the manual. The information provided so far is just enough to get you up and running as quickly as possible.

Important note about the maximum speed.

You cannot reach the maximum speed on throttle alone. You can increase the maximum speed on throttle by setting the assistance level to high but to achieve the maximum speed, you need to use pedal assist mode. Your maximum speed will be then limited by your highest cadence or by the motor.

The motor assistance will cut out in one of the two conditions:

1. You reach the maximum legal speed of 15mph (26kph).
2. The current through the controller reaches 14A.